CCR being approved.

CSG-
After CCR approval please make available the following tar file for **ALL DAACs**:
Patch_6A.08_DPL_HEG.01A

This will deliver the following NCRs:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed38265	OPS_DPL	2	C	GSFC	DPIU: Add option to turn off spatial fact population
ECSed38551	OPS_DPL	2	V	EDF	Input file in DlCartOrderItem is truncated to 80 characters
ECSed38167	OPS_DPL	5	V	NSIDC	Add the ecsID to DlGranule Access
ECSed38351	OPS_DPL	2	V	NSIDC	6A.07+ OPS DP Search results outside of Search criteria Time Range
ECSed36640	OPS_DPL	3	V	PVC	Webaccess: time of day counts incorrect
ECSed35242	OPS_DPL	3	V	PVC	Cleanup: Collection level directories should be deleted if empty
ECSed38240	OPS_DPL	3	V	GSFC	The "/temp" directory is not cleaned up after all successful inserts
ECSed38313	OPS_DPL	5	V	NSIDC	FAILED inserts are never removed from DlInsertActionQueue
ECSed38391	OPS_DPL	5	V	GSFC	Need accessTime index on DataPool..DlGranualeAccess table
ECSed38160	OPS_DPL	5	V	EDF	Improve/standardize the database patch scheme for SSS subsystem
ECSed38318	OPS_HEG	2	V	LaRC	HEG conversion error with MISR MIL2ASAE ESDT
ECSed38320	OPS_HEG	2	V	LaRC	HEG conversion error with MISR MIL2ASLS ESDT
ECSed38321	OPS_HEG	2	V	LaRC	HEG conversion error with MISR MIL2TCAL ESDT
ECSed38656	OPS_HEG	2	C	EDF	Orders fail when randomly-generated file names contain period
ECSed38717*	OPS_HEG	2	V	PVC	Problem creating parameter file for MI1B2E.

ECSed38641	OPS_SYS BLD	3	C	EDF	HEG does not correctly incorporate ECS version info into binary

* Denotes new NCR on list.

INSTALLATION:

The following procedures define the installation of the Patch_6A.08_DPL_HEG01A.

PATCH/TE DEPENDANCIES:

1. This patch supercedes the previously delivered Patch_6A.08_HEG.01 and TE_6A.08_DPL.01. This patch can be installed over the top of the above deliveries.

2. The mode being installed must be at the minimum 6A.08 + 6A.08_System.01 patch.

PRE-INSTALL

1. Login to the staging host and create staging area.

2. Change to the platform staging directory (one for SOL8 and IRIX65):
   # cd /<staging_area>/<ARCH>

3. Execute the setup script for both SOL8 and IRIX65: **./*Setup.ksh**

4. **cd /<staging_area >/IRIX65/CUSTOM/dbms**

   chmod –R 0755*

5. Shut down the HEG front end. (Must be cmshared).

   (a) cd /usr/ecs/<MODE>/CUSTOM/utilities

   (b) Run the following script:

   EcDlHEGFrontendControl <MODE> stopnow

   (c) If that does not work, do the following:

   /usr/ucb/ps –auxwww |grep –I front |grep <MODE>

   kill <PID>

   remove the lockfile log in the /usr/ecs/<MODE>/CUSTOM/logs

6. Shut down the Tomcat instances.

7. Shut down DPL.

INSTALL:

The HEG installation can not be done without installing the DPL packages. There is a fix that spans both the HEG and DPL. For DAACs that do not want the HEG package then

the DPL package can be installed without the HEG. The installation instructions will provide the steps necessary to install both packages or just the DPL package.

Installation of Custom Code using E.A.S.I. (HEG & DPL)

NOTE: The following procedures are for DAACs that will be installing the HEG and DPL packages together.

1. On any SUN host bring up E.A.S.I and select "**Full**" for install type.
2. Install all delivered packages.

Installation of Custom Code using E.A.S.I. (DPL Only)

NOTE: The following procedures are for DAACs that will be installing the DPL packages only.

1. On any SUN host bring up E.A.S.I and select "**Custom**" for install type.
2. Select the following packages:
   - .EcDl.pkg
   - .EcDlDatabase.pkg
   - .EcDlWebAccess.pkg
3. Click **OK**.
4. Exit E.A.S.I. and ECS Assist.

CONFIGURATION:

There are no configuration changes that are to be made.

DATABASE UPDATES:

The following patches are being delivered with this package:

Patch Number	Description
DlDbPatch6236	This procedure inserts data into DlGranuleAccess for access type FTP.
DlDbPatch6238	Updated ProcGetTempTimeOfDaySummary, ProcGetTempTimeOfDaySummary, and data script for populating the DlHEGLookup table. Added index on accessTime in DlGranuleAccess table.

Installation of DPL Database patches
1. Log into the DPL Database host.
2. Set DISPLAY to appropriate address.
3. Start **ECS Assist**. (/tools/common/ea/EcCoAssist /tools/commom/ea &)
4. Select **Subsystem Manager**.

5. Select Mode to be installed. (OPS, TS1, TS2)
6. Select **Database**
7. Select **DbPatch**
8. Select **.dbparms** (verify that patch 6238 is listed)
9. Enter database instance name for **DataPool_<mode>** (OPS, TS1, TS2)
    DBO ID is **dpl_role**
10. Enter password for database
11. Enter the **SQL Server name** and **Database Name**.
12. Click **OK**

POST INSTALLATION/NOTES:

1. Bounce Tomcat.
2. Restart Apache.
3. Restart the HEG front end (as cmshared):
    (a) Cd /usr/ecs/<MODE>/CUSTOM/utilities
    (b) Run the following script:
        EcDlHEGFrontendControl <MODE> start

1. New script being delivered with NCR 38313:

"Per NCR 38313 (FAILED inserts are never removed from DlInsertActionQueue), a new script is being delivered to allow operators to delete FAILED inserts which completed on or before a specified date from the DlInsertActionQueue.   It is recommended that operators not delete FAILED inserts from the DlInsertActionQueue until the failure reasons have been analyzed to determine if corrective action is needed.

The script is called DlDbRemoveIAQ.ksh, and is installed in the /usr/ecs/<mode>/CUSTOM/dbms/DPL directory on the x0acg0n host (i.e., the Data Pool database host).

The script usage statement is:

DlDbRemoveIAQ.ksh MODE DELETEDATE USERNAME SERVER DBNAME, where:

MODE: the mode of operation (e.g., OPS, TS1, TS2)

DELETEDATE: entries in the DlInsertActionQueue with a FAILED status and

with a completion date on or before the DELETEDATE will be removed from

the DlInsertActionQueue.   DELETEDATE should be entered in the format

yyyy/mm/dd (e.g., 2003/11/18).

USERNAME: the Data Pool database dbo username

SERVER: the name of the Data Pool Sybase server (e.g., p0acg05_srvr)

DBNAME: the name of the Data Pool database for the mode (e.g., DataPool, DataPool_TS1, DataPool_TS2)

When the script is run, the operator will be prompted to supply the Sybase password for the dbo login. When the script completes, the operator will receive a message indicating that the script ran successfully."

2. Difference in Web Access GUI appearance, per NCR 38351:

"The Data Pool Web Access time of day drill down page has changed, per the resolution of NCR 38351 (DP Search results outside of Search Criteria Time Range).

Previous to this patch, on the time of day drill down page, in the "Select a Time-of-Day Range" portion of the page, the pull down for start time minute and end time minute allowed the user to choose five minute intervals (i.e., the minute choices were 00, 05, 10,15, 20, 25,30, 35, 40, 45, 50, 55).

With this patch, the pull down for start time minute and end time minute only allows the user to choose 30 minute intervals (i.e., the minute choices are 00 and 30 only)."